

~~SECRET~~~~CONFIDENTIAL~~SELF-SEALING RUBBER*file: Burial Packaging*

This material was first brought to our attention by Henry E.'s group. They submitted two sample rolls for our evaluation. We placed several small packages in 3 feet of water for 4 months. The contents were perfectly preserved. We then included it in the burial test program. All of this material just examined after 6 months caching was perfectly preserved. However, Army rubber experts think that the material may not have a shelf life before use of more than 3-6 months and do not feel that its weathering properties are satisfactory. Being in ground makes it last longer than in open. We are checking into storage and surveillance of the material now and trying to develop sources of supply.

We are expecting daily more samples of the German material, namely:

- 1 roll, 6 meters long, 480 mm. wide of 1.5 mm. thickness
- 1 roll, 6 meters long, 480 mm. wide of 3 mm. thickness.

This material is a product of Dunlop Gummi Companie, Hanau/Main. See sample with yellow vinyl plastic backing which is vulcanized natural rubber.

Army rubber experts recommend that a better material would be Federal Specification ZZ-T-416a, "Tire and Tube Reconditioning Materials and Equipment," Type II or III. Sample with green backing is Type II, style 2, tube repair gum. This material is a standard Ordnance item under ORD-5-SNL H-14, stock number H014-0856795, and is available at Ordnance depots. We are taking steps to procure a sample lot for test.

WHN:tu

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